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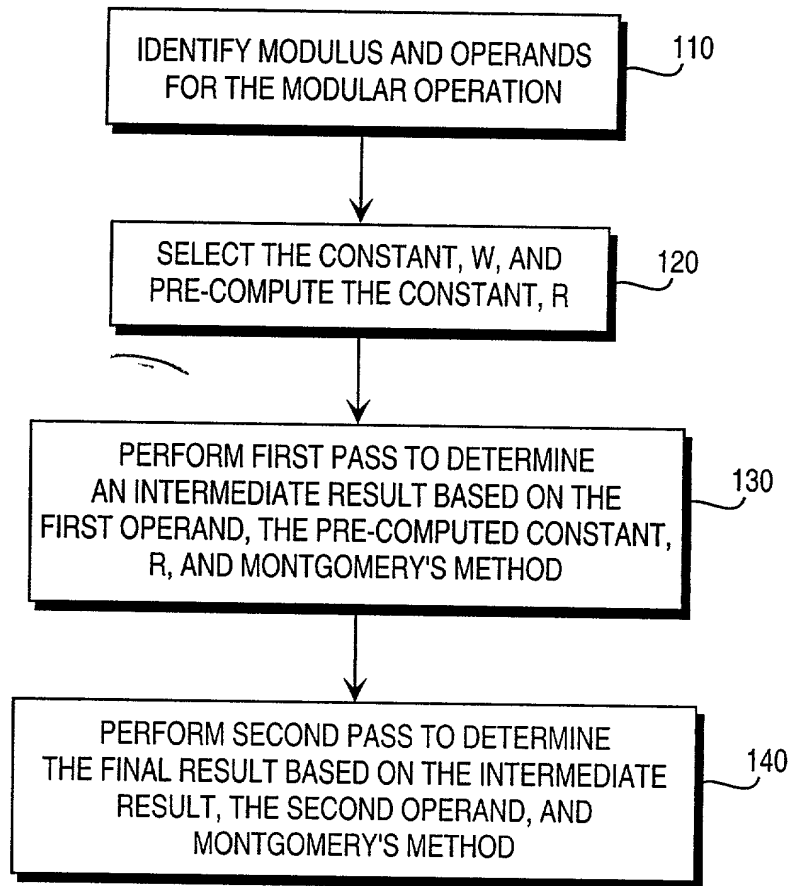


FIG. 1

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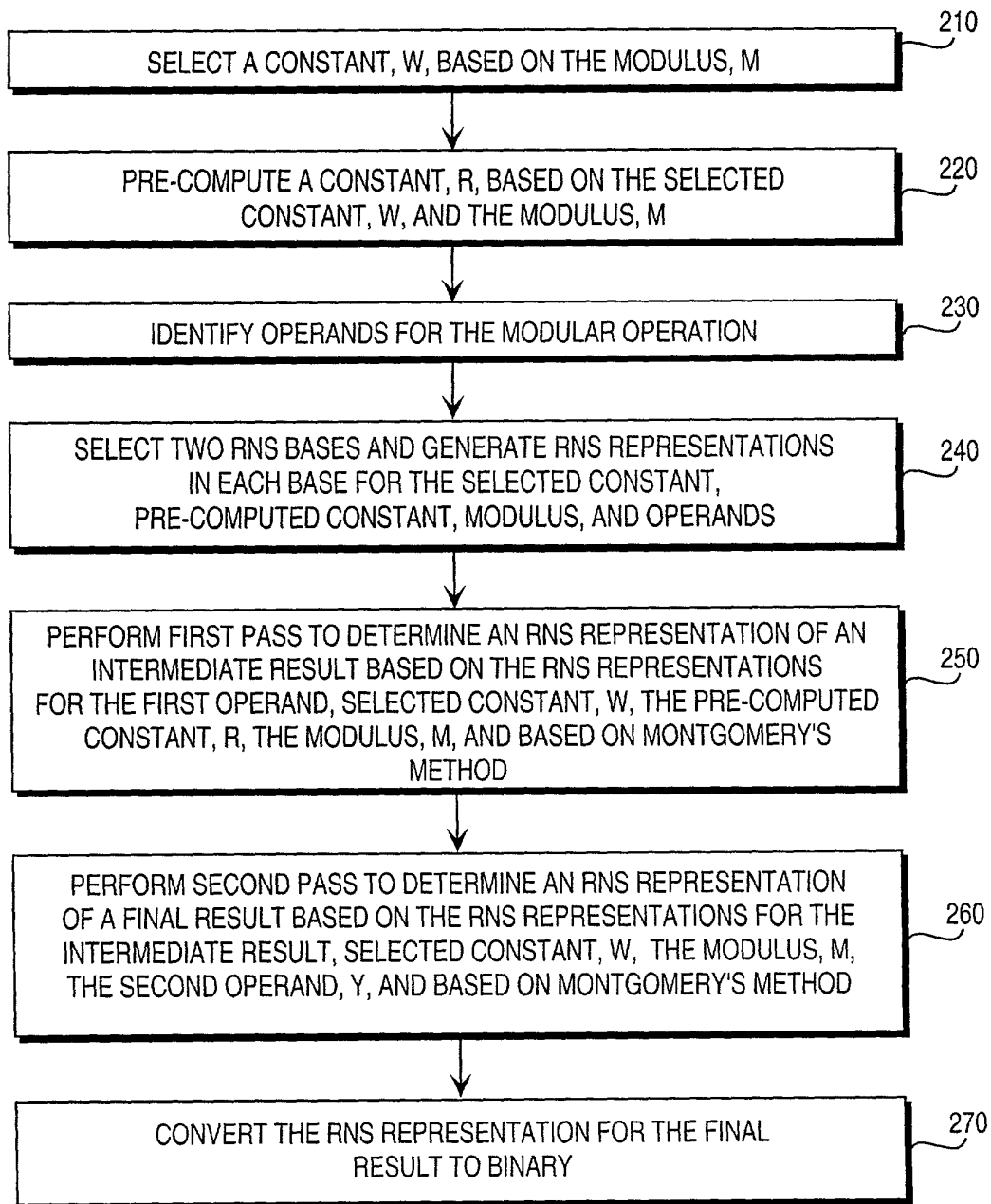


FIG. 2

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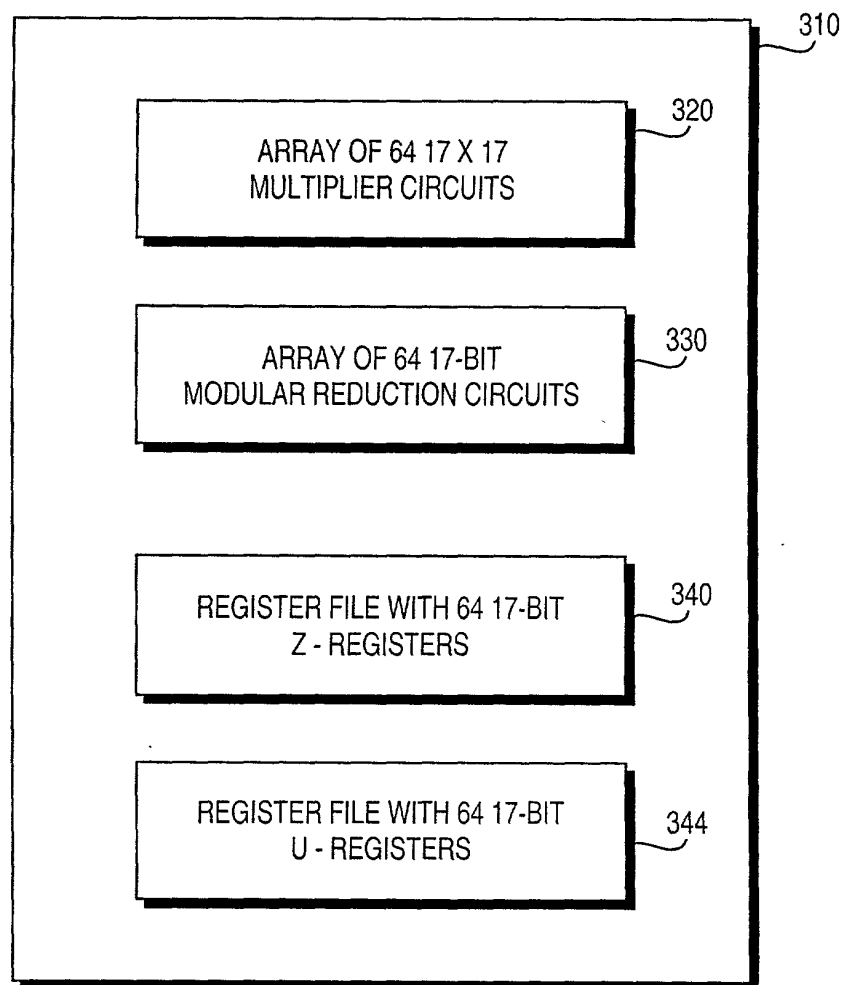


FIG. 3A

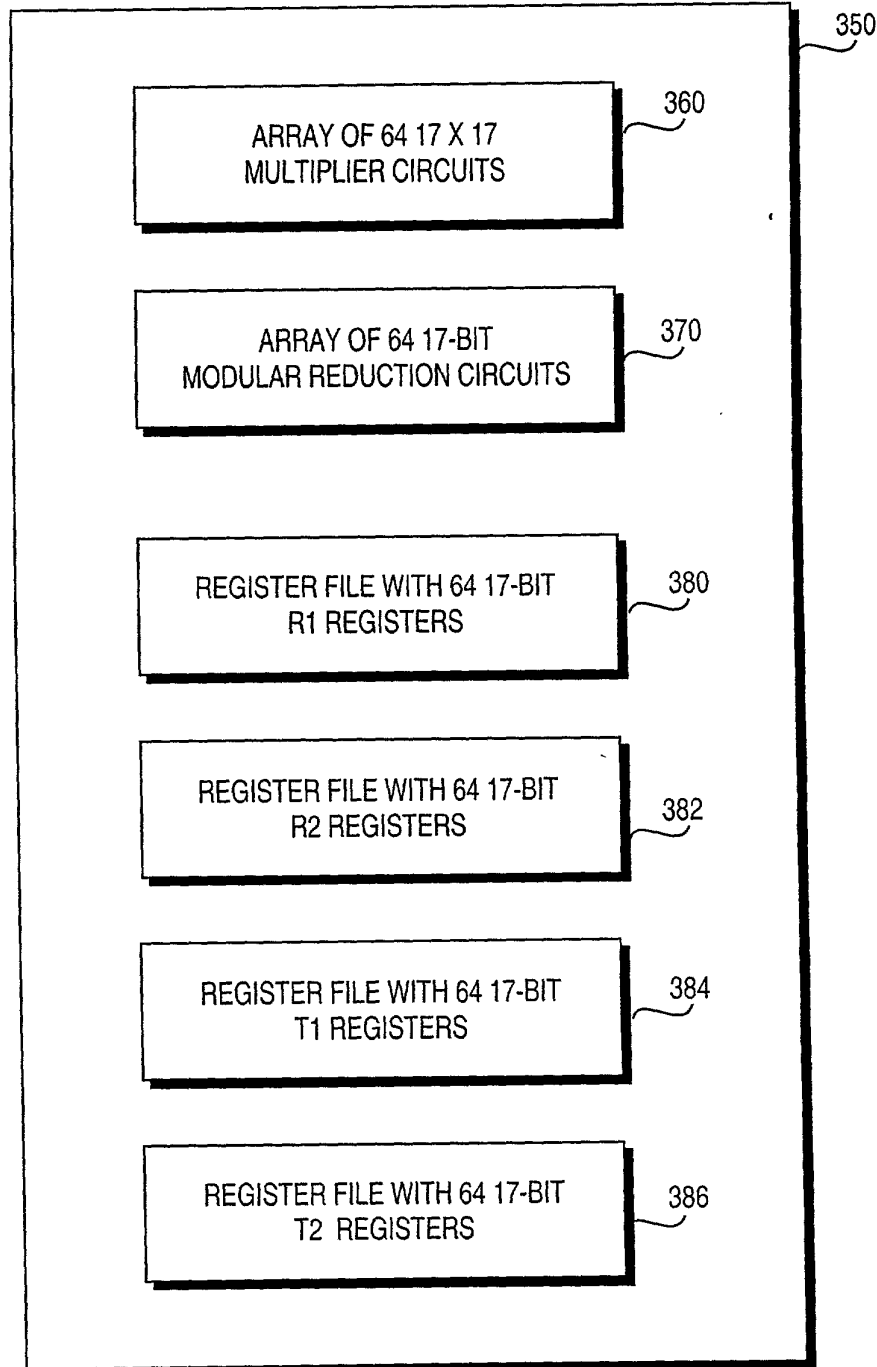


FIG. 3B

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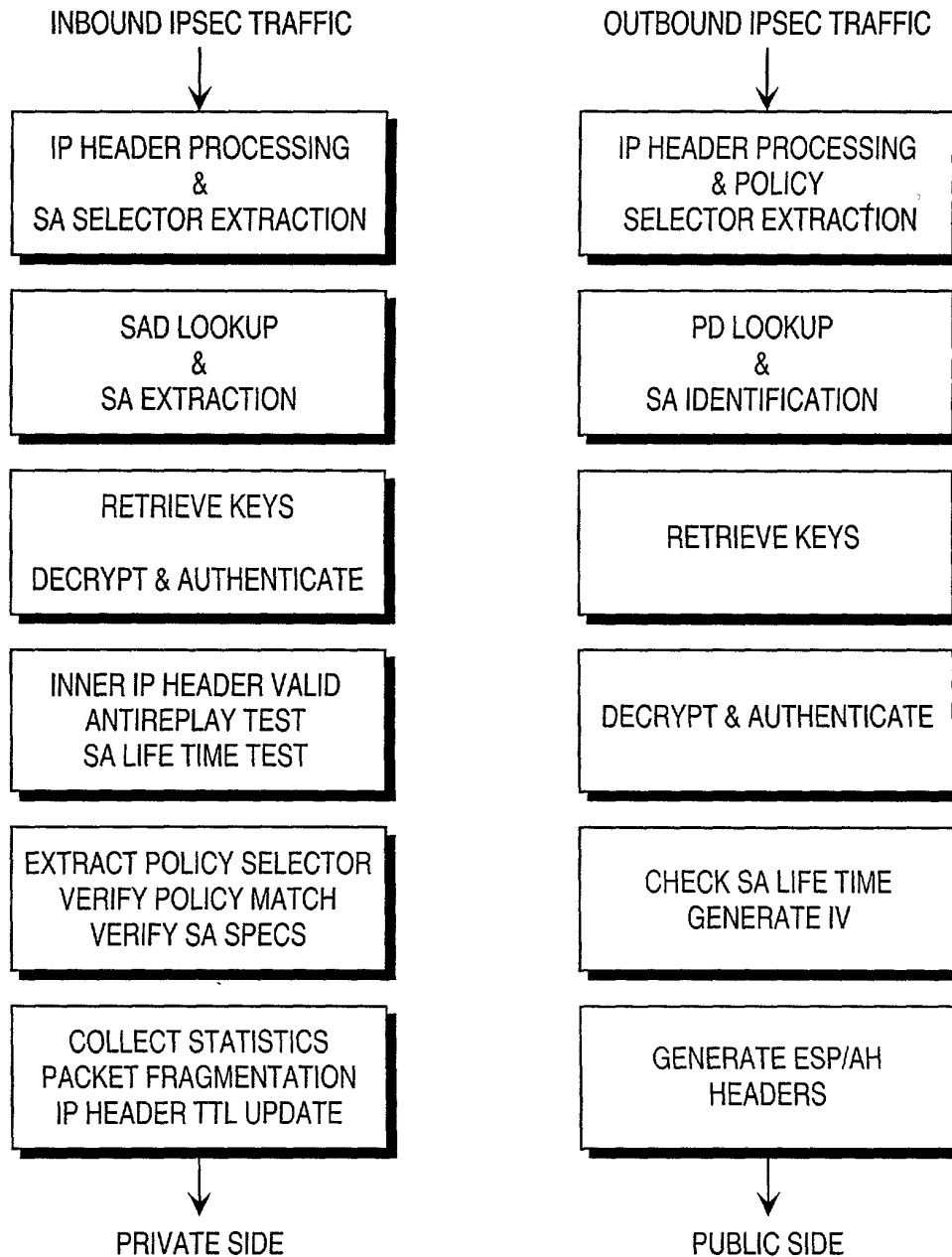


FIG. 4

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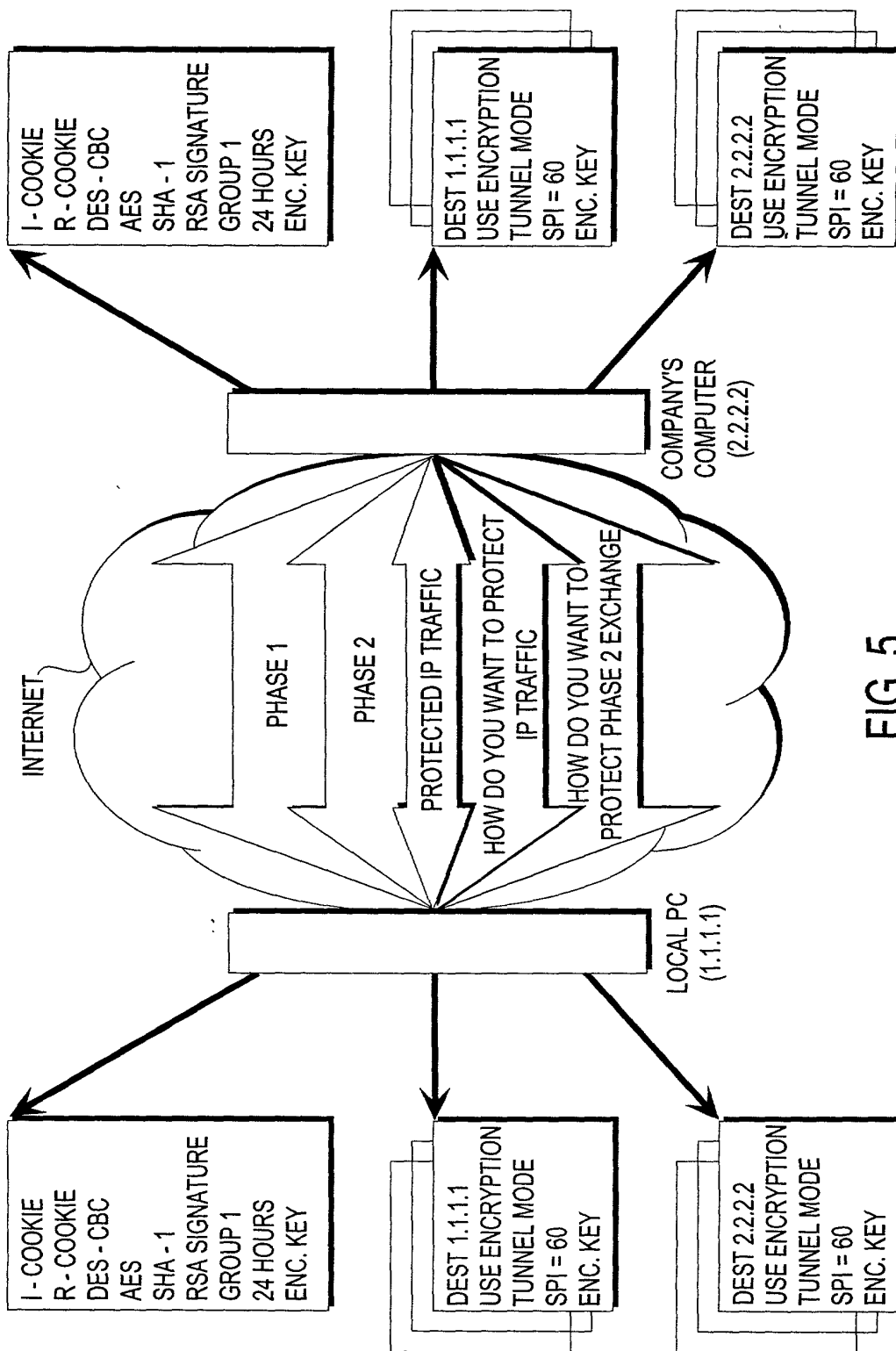


FIG. 5

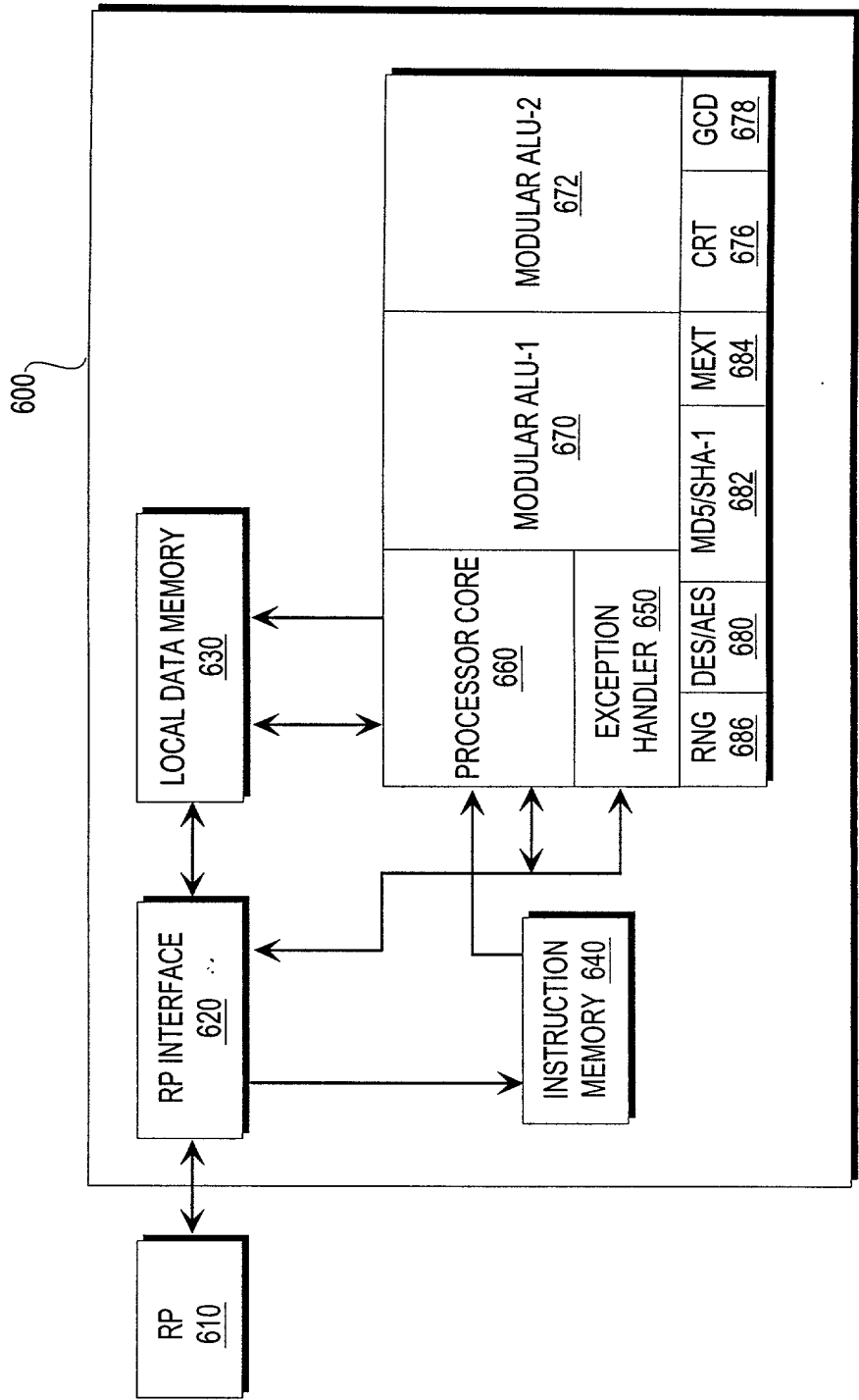


FIG. 6

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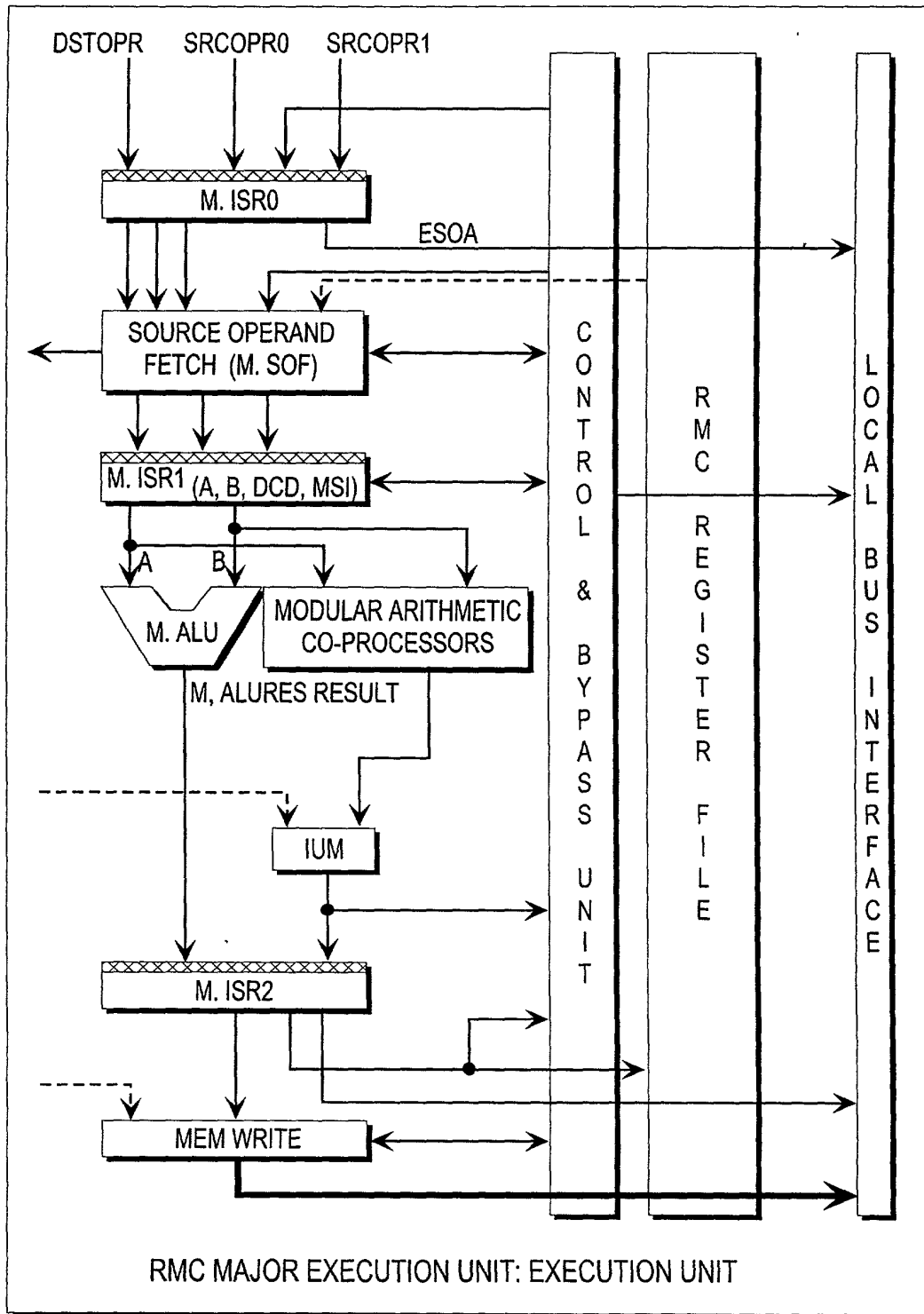


FIG. 7



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NOTE: RECTANGULAR BLOCKS ON THE SAME HORIZONTAL LEVEL  
OVERLAP EXECUTION TIMES.

$\Leftarrow$  - SOURCE OVERWRITES DESTINATION REGISTER  
 $\otimes$  - MODULAR MULTIPLICATION WITH RESPECT TO W.  
 $\odot$  - MODULAR MULTIPLICATION WITH RESPECT TO V.  
 $\angle$  - RNS CONVERSION

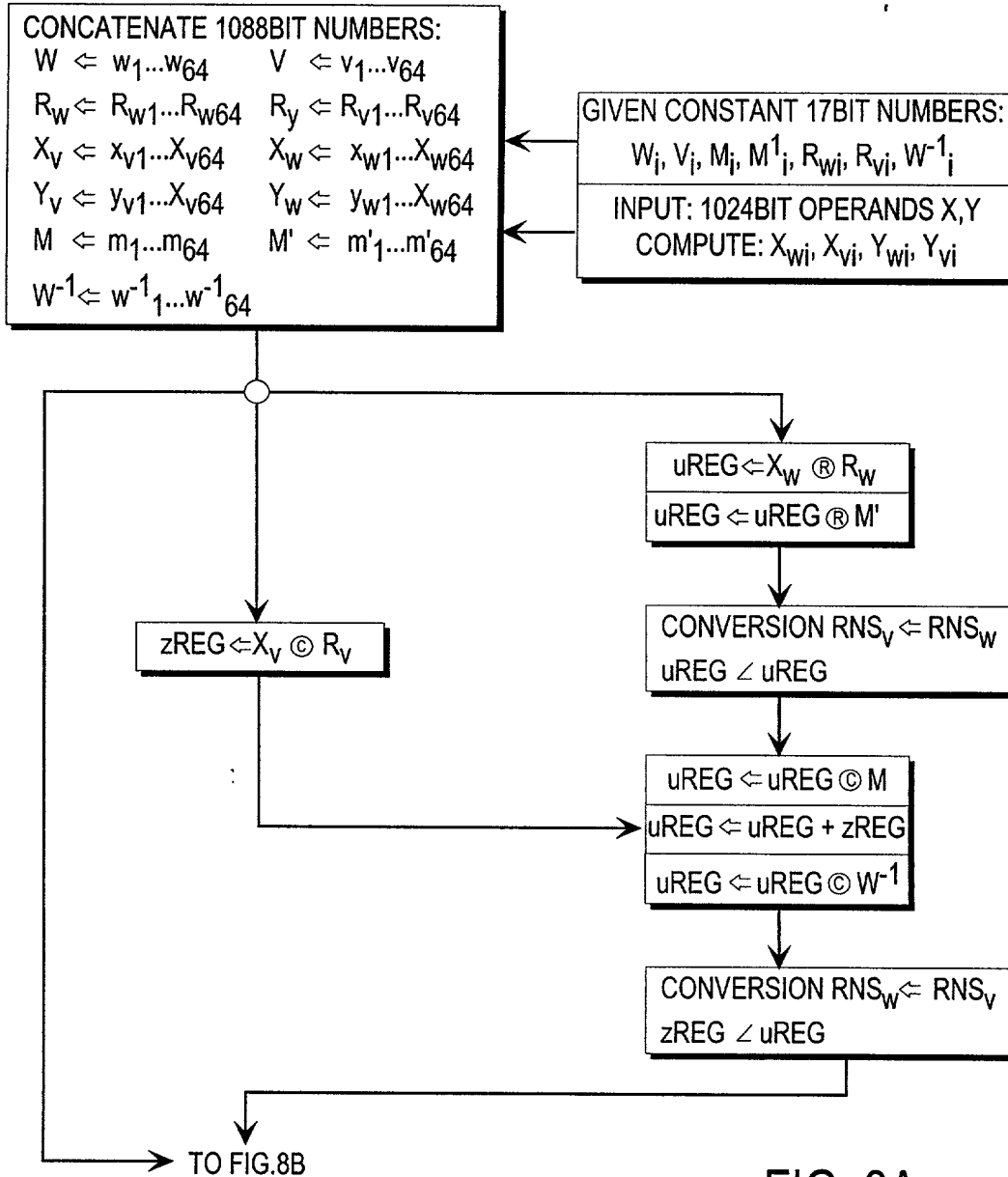


FIG. 8A

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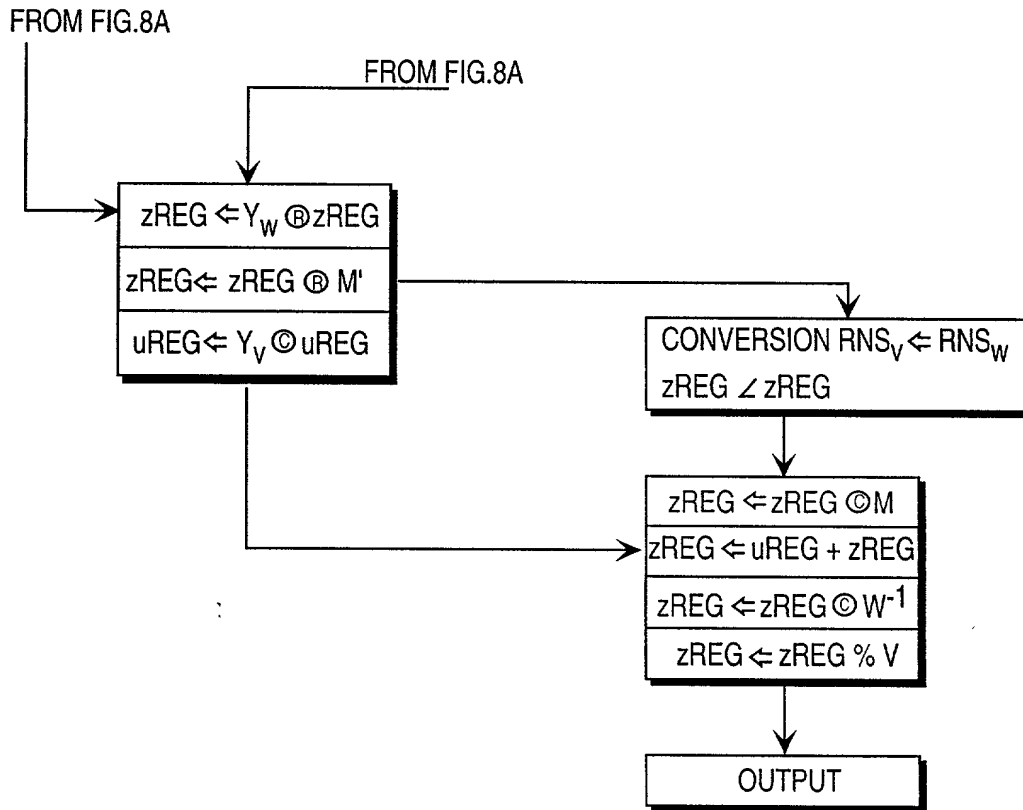


FIG. 8B

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NOTE: ALL BUSSES ARE  $64 \times 17 = 1088$  BITS WIDE.

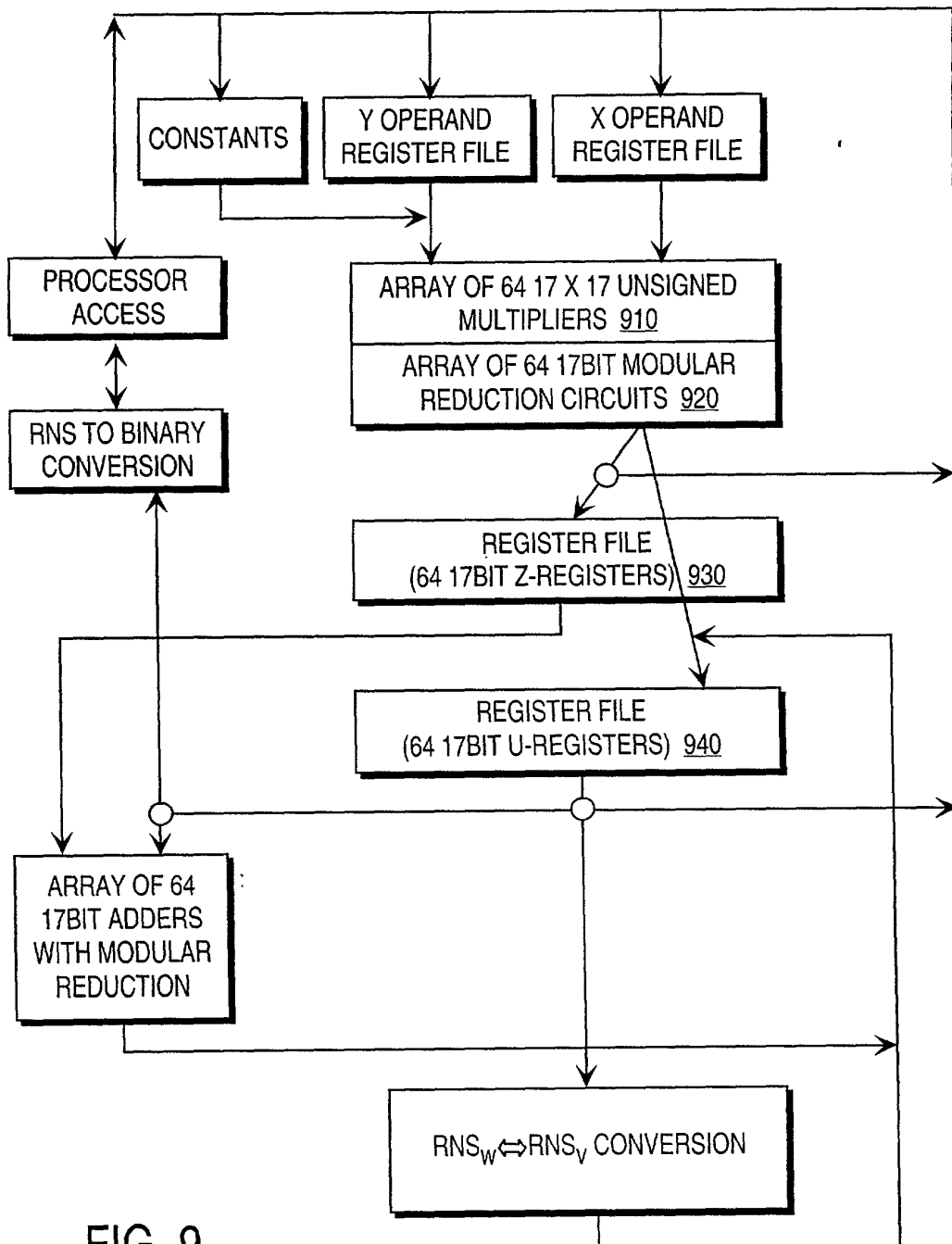


FIG. 9

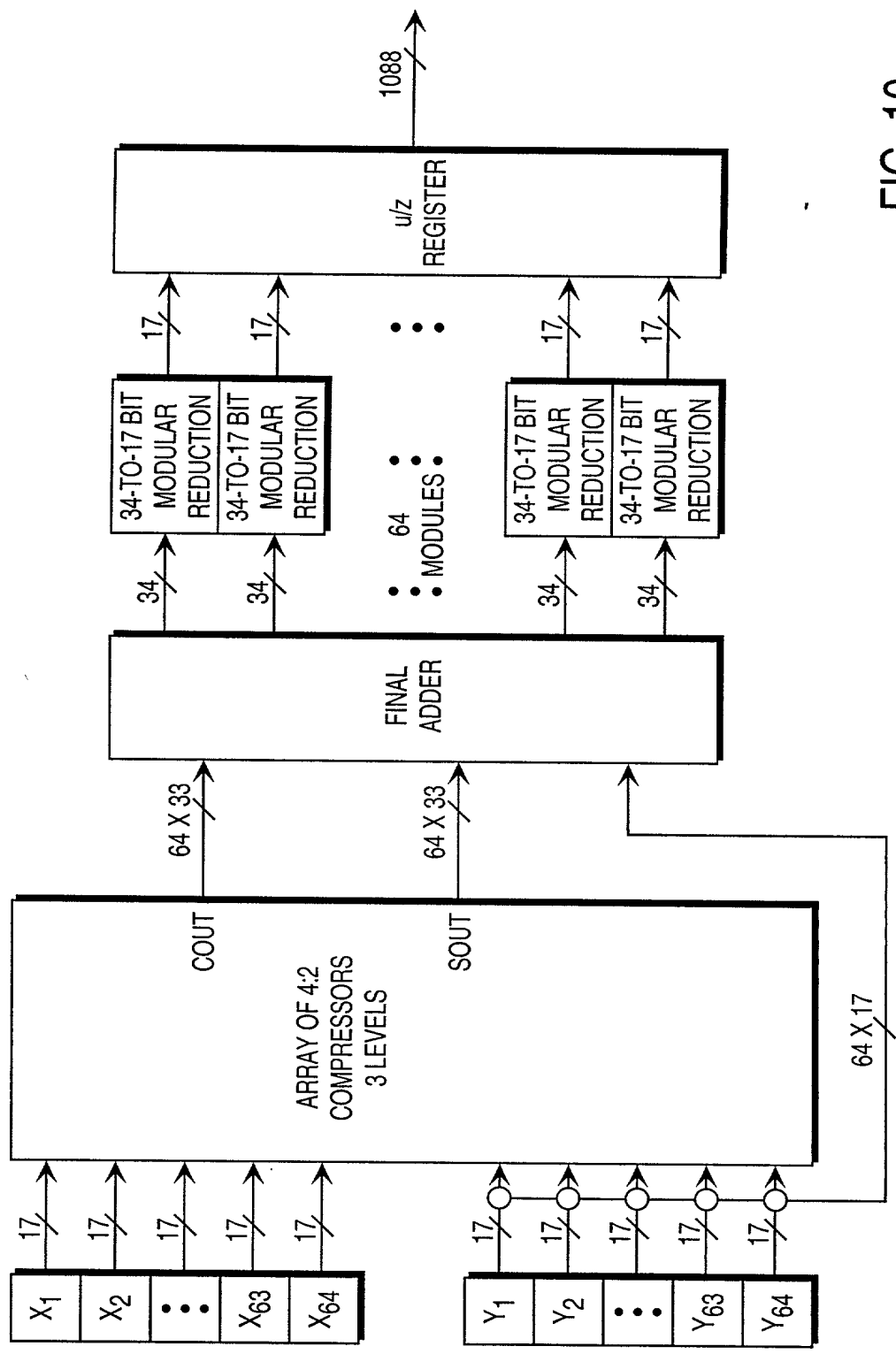


FIG. 10

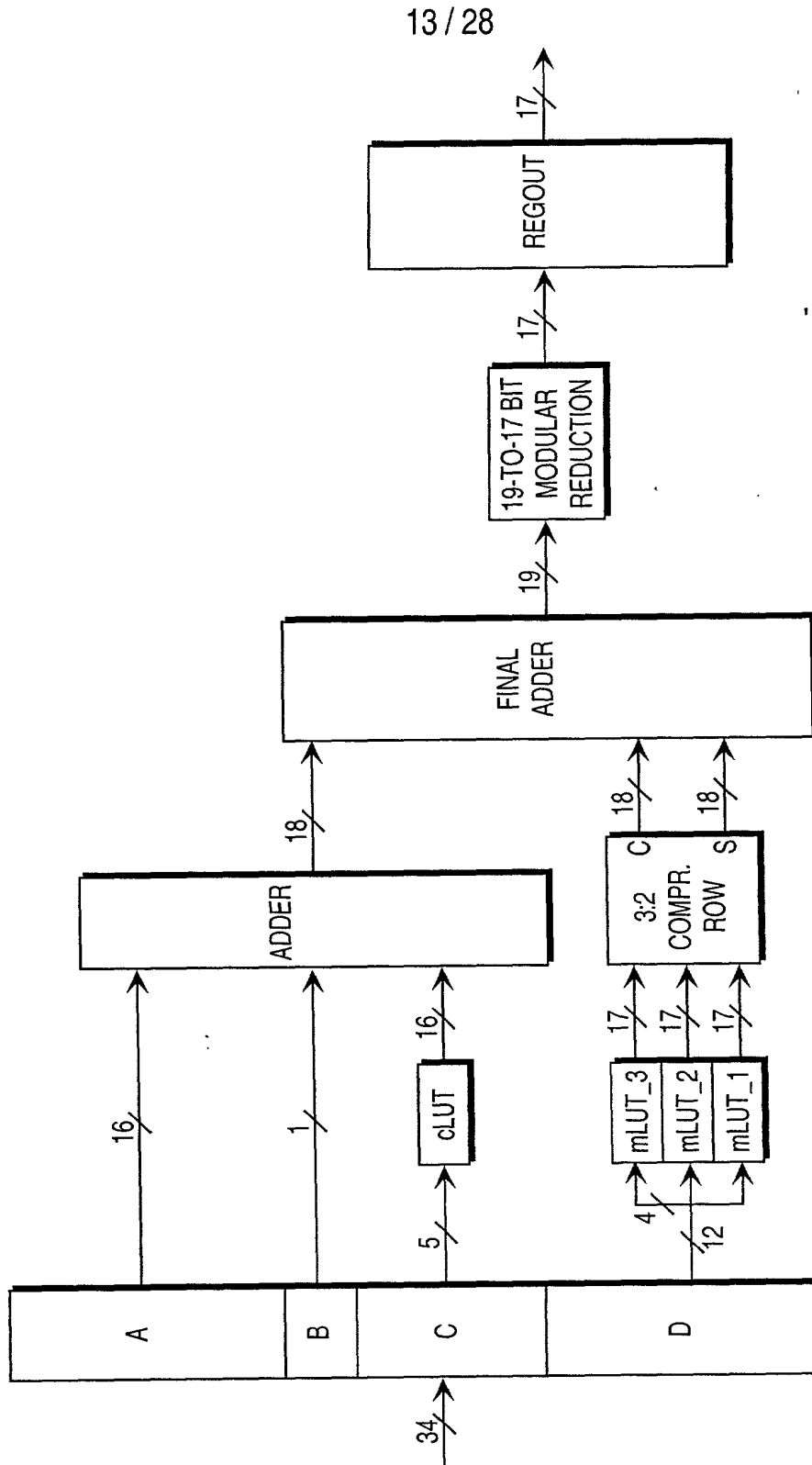


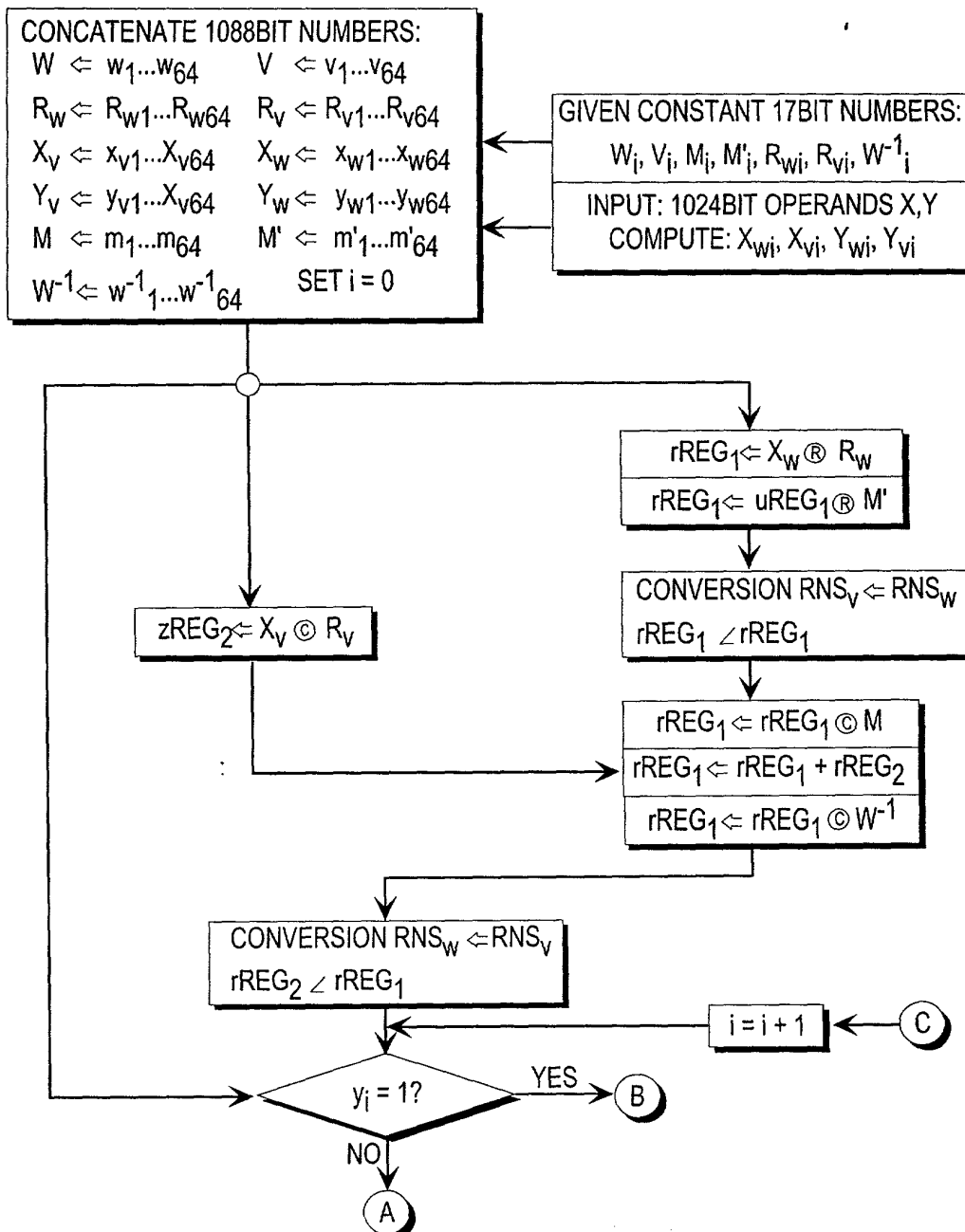
FIG. 11

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NOTE: RECTANGULAR BLOCKS ON THE SAME  
HORIZONTAL LEVEL OVERLAP EXECUTION TIMES.

FIG. 12A

- ←- SOURCE OVERWRITES DESTINATION REGISTER  
®- MODULAR MULTIPLICATION WITH RESPECT TO W.  
©- MODULAR MULTIPLICATION WITH RESPECT TO V.  
∠- RNS CONVERSION



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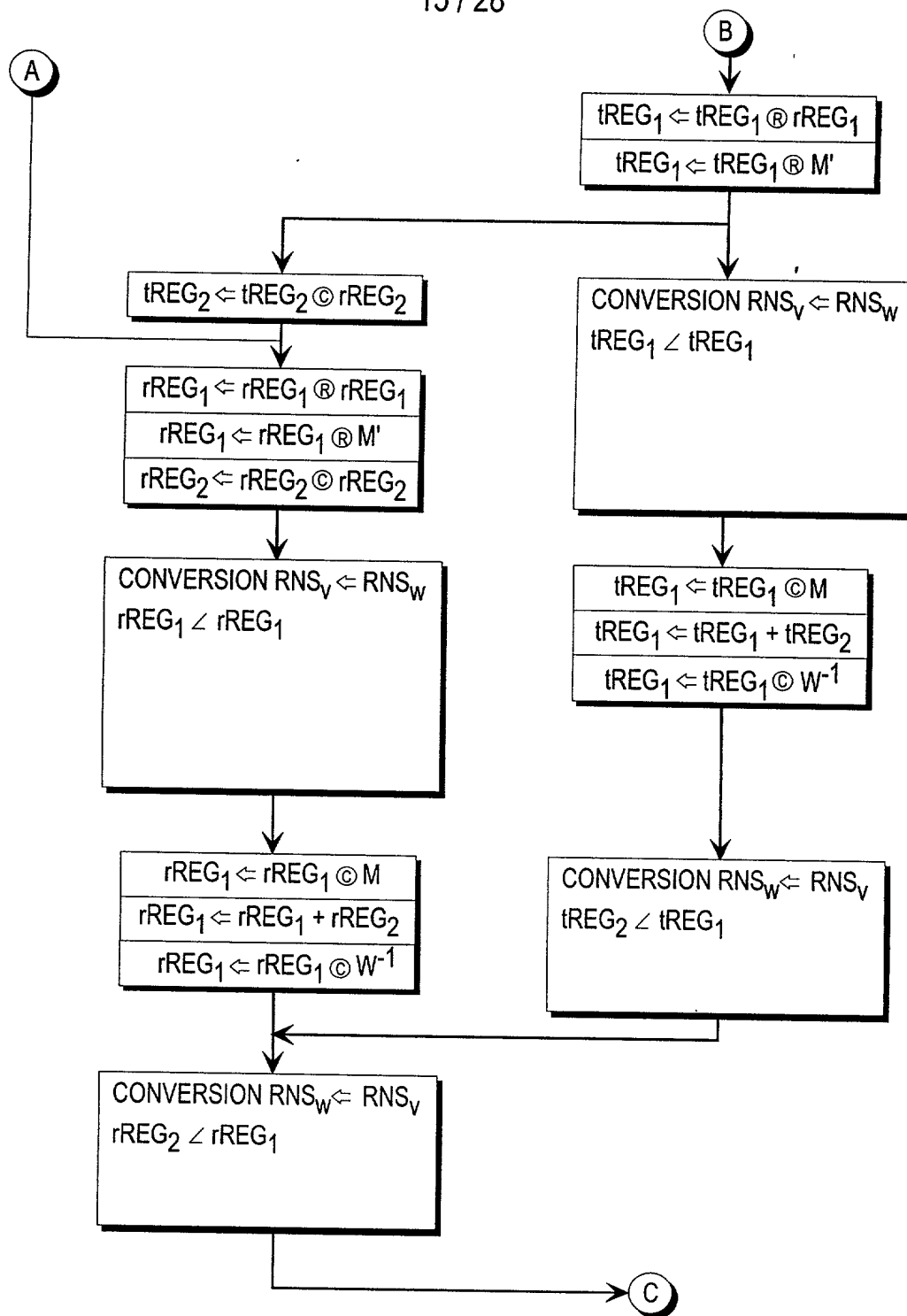


FIG. 12B

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NOTE: ALL BUSSES ARE  $64 \times 17 = 1088$  BITS WIDE.

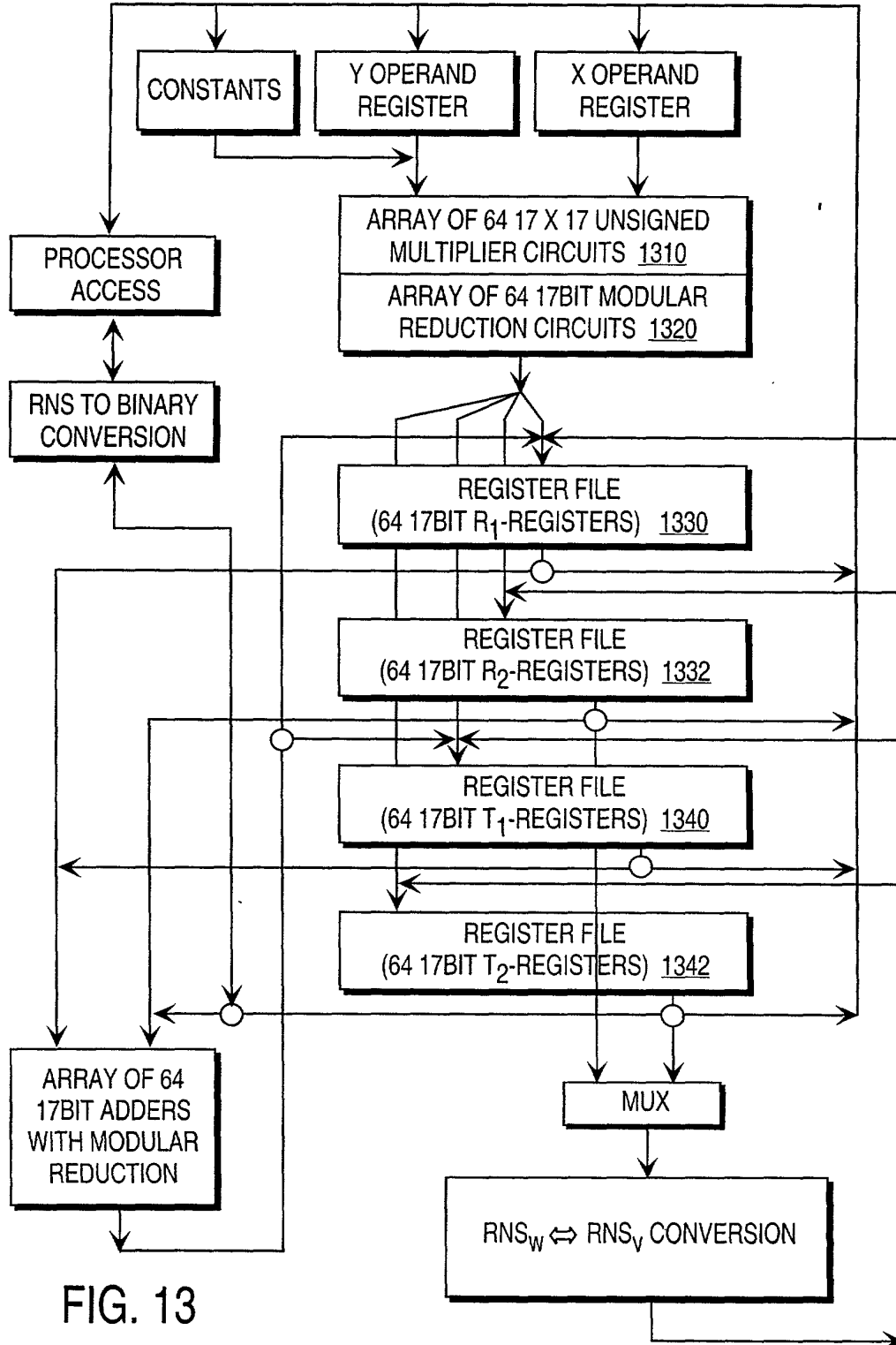
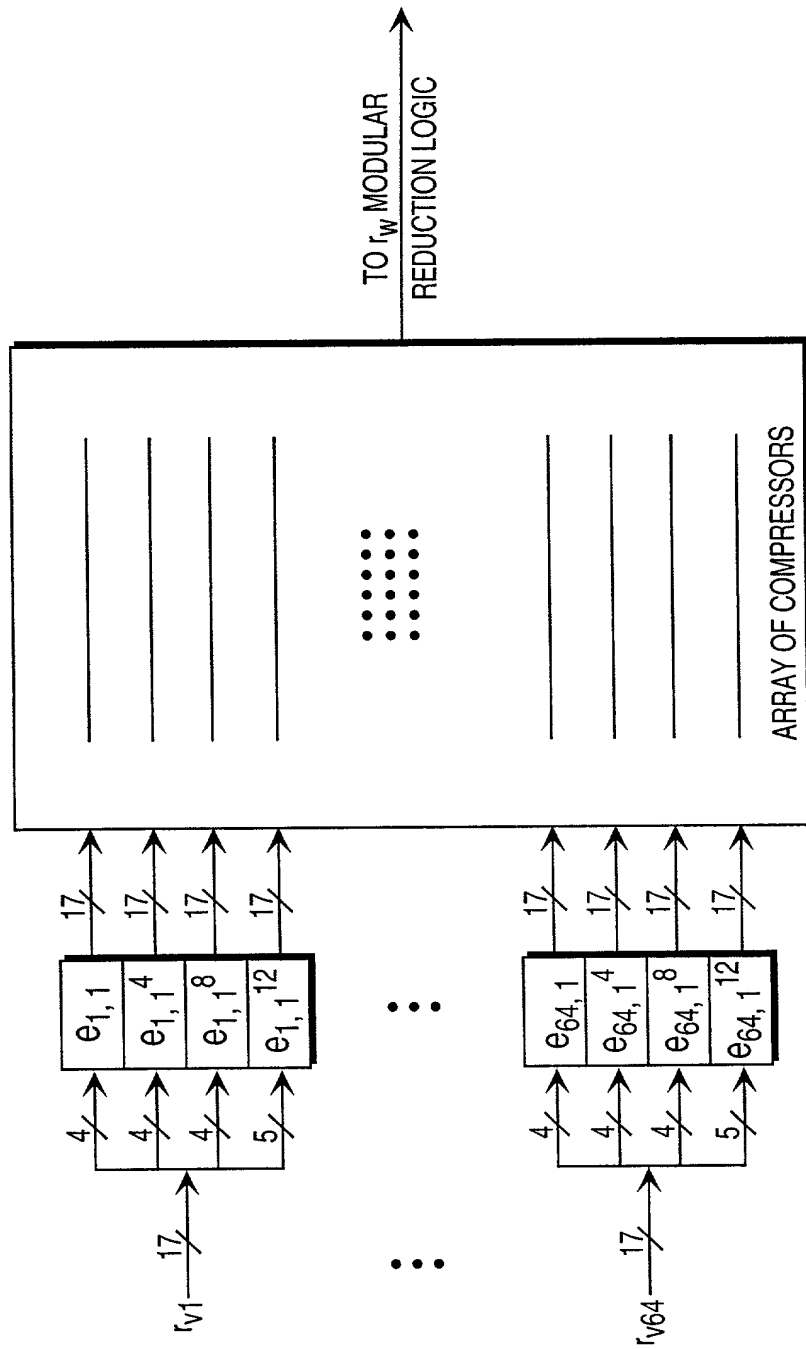


FIG. 13





SINGLE RAW COMPUTATION (SRC) MODULE

FIG. 14

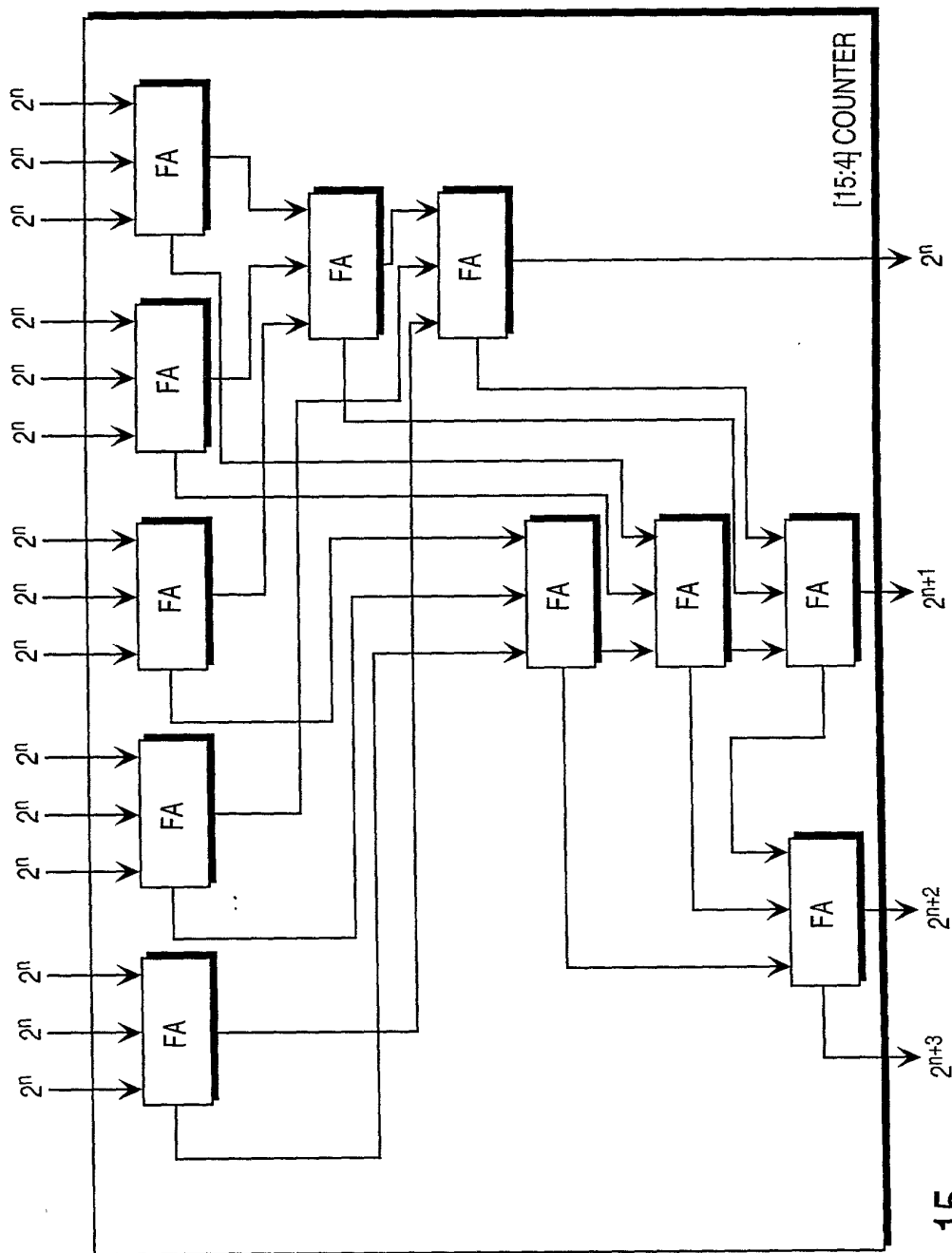


FIG. 15

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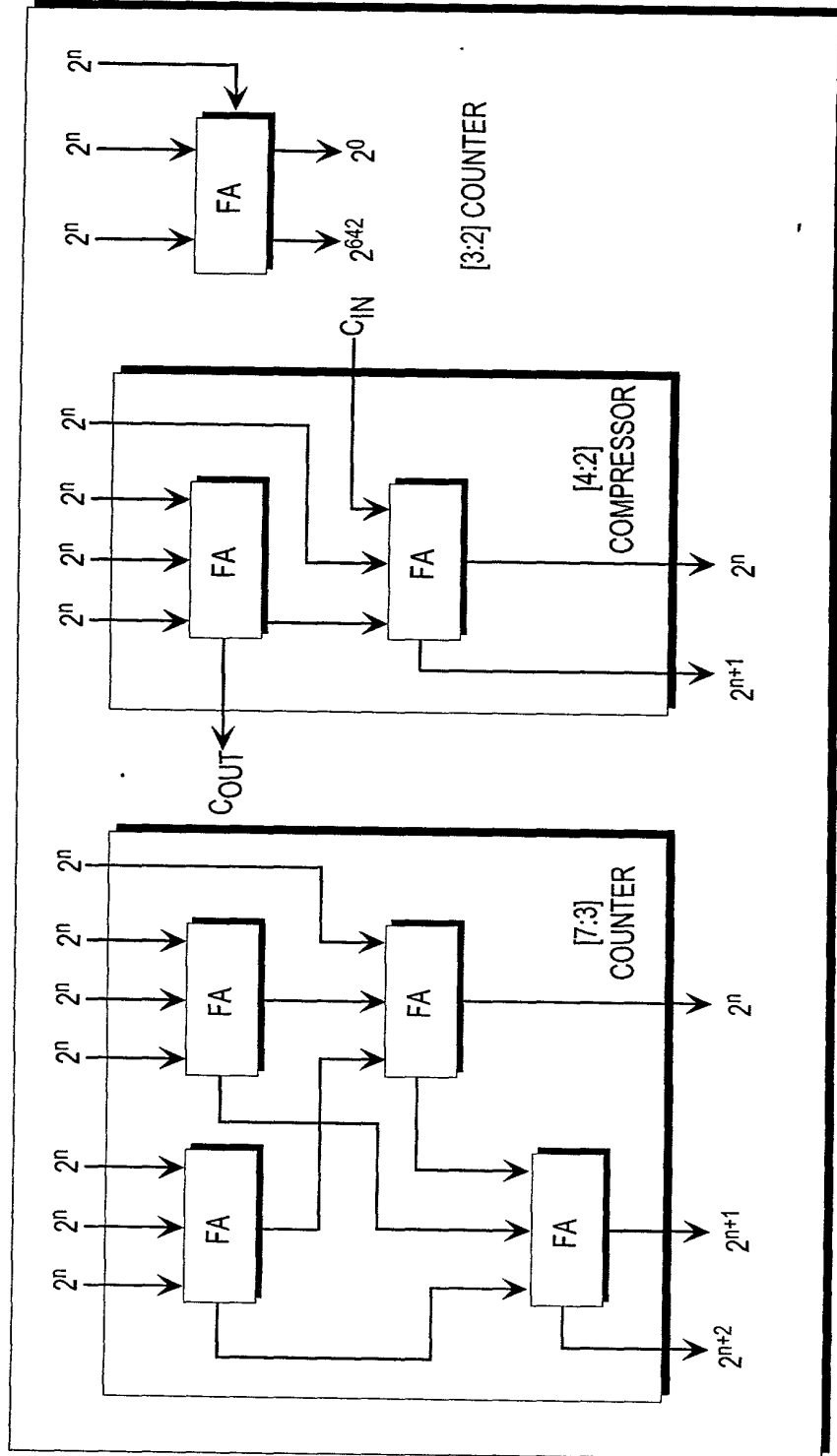


FIG. 16

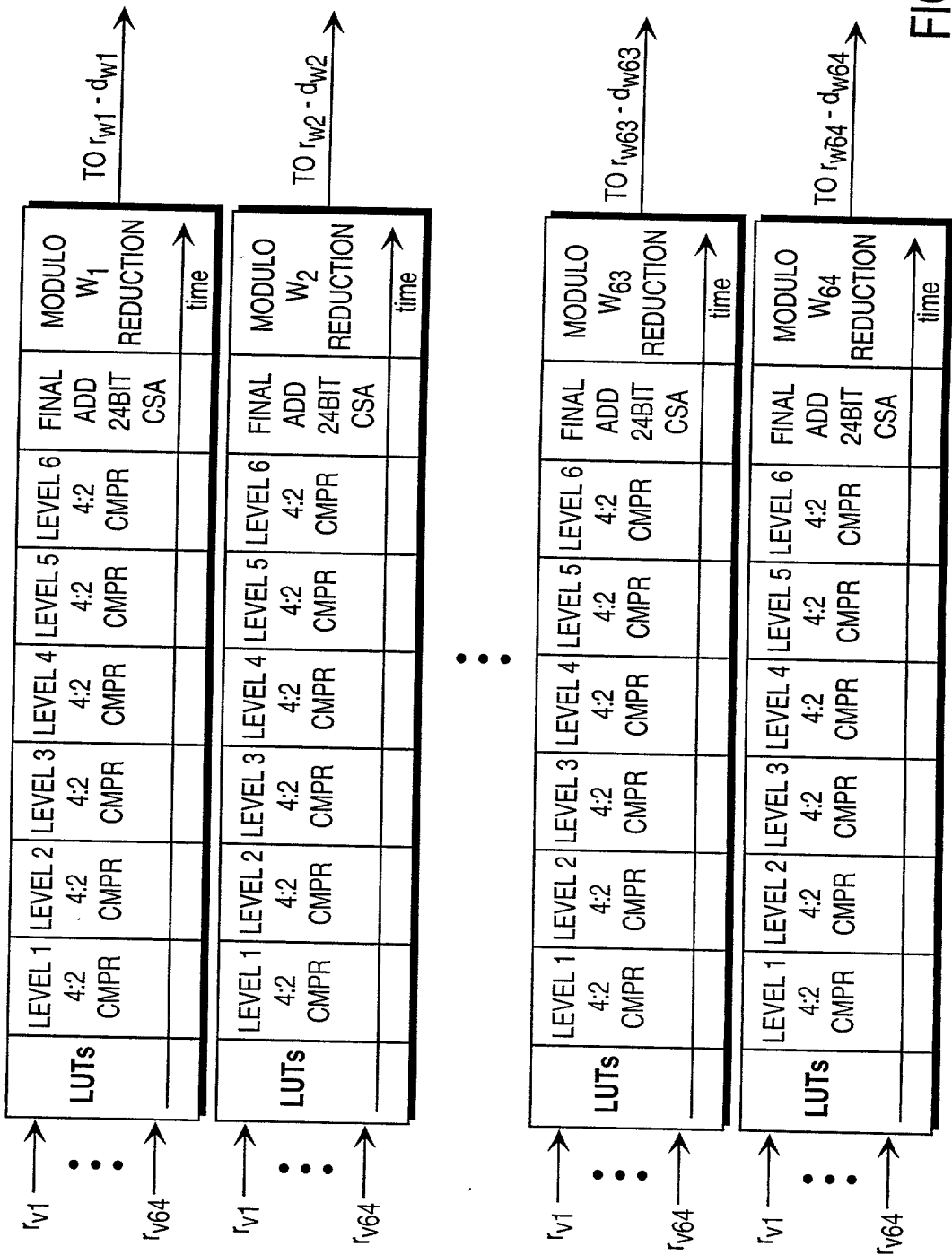


FIG. 17

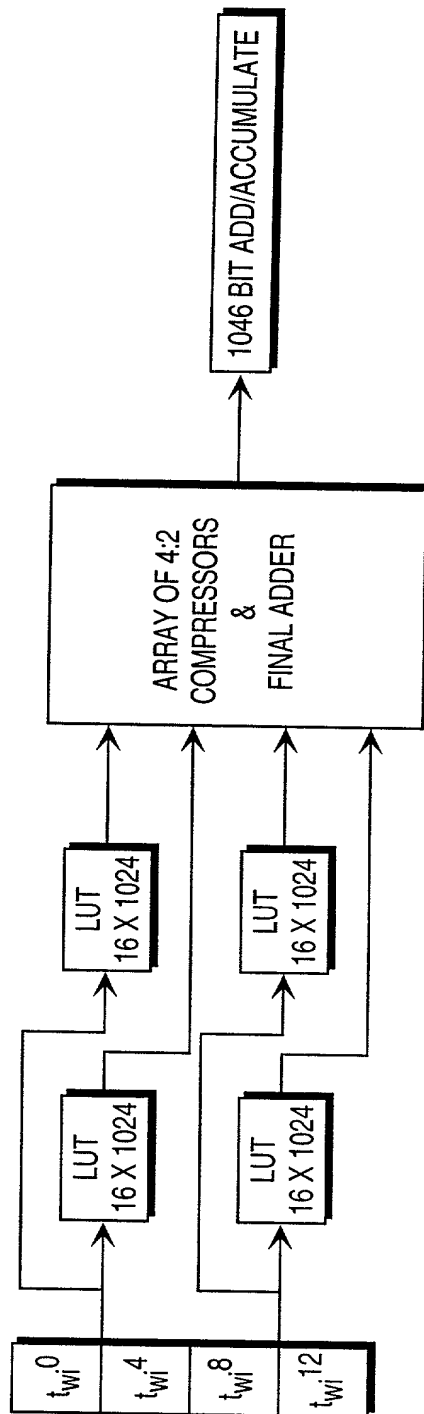


FIG. 18

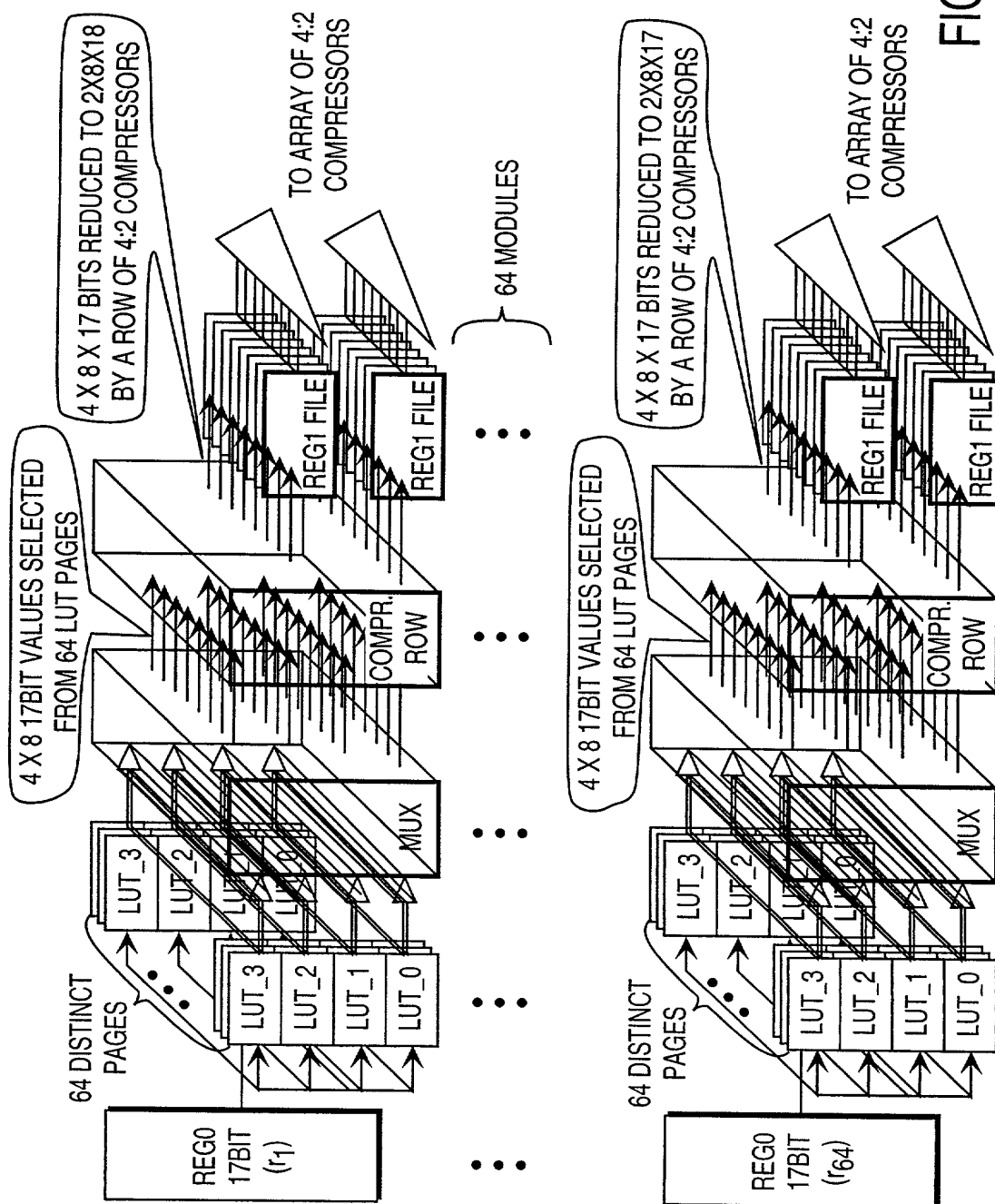


FIG. 19

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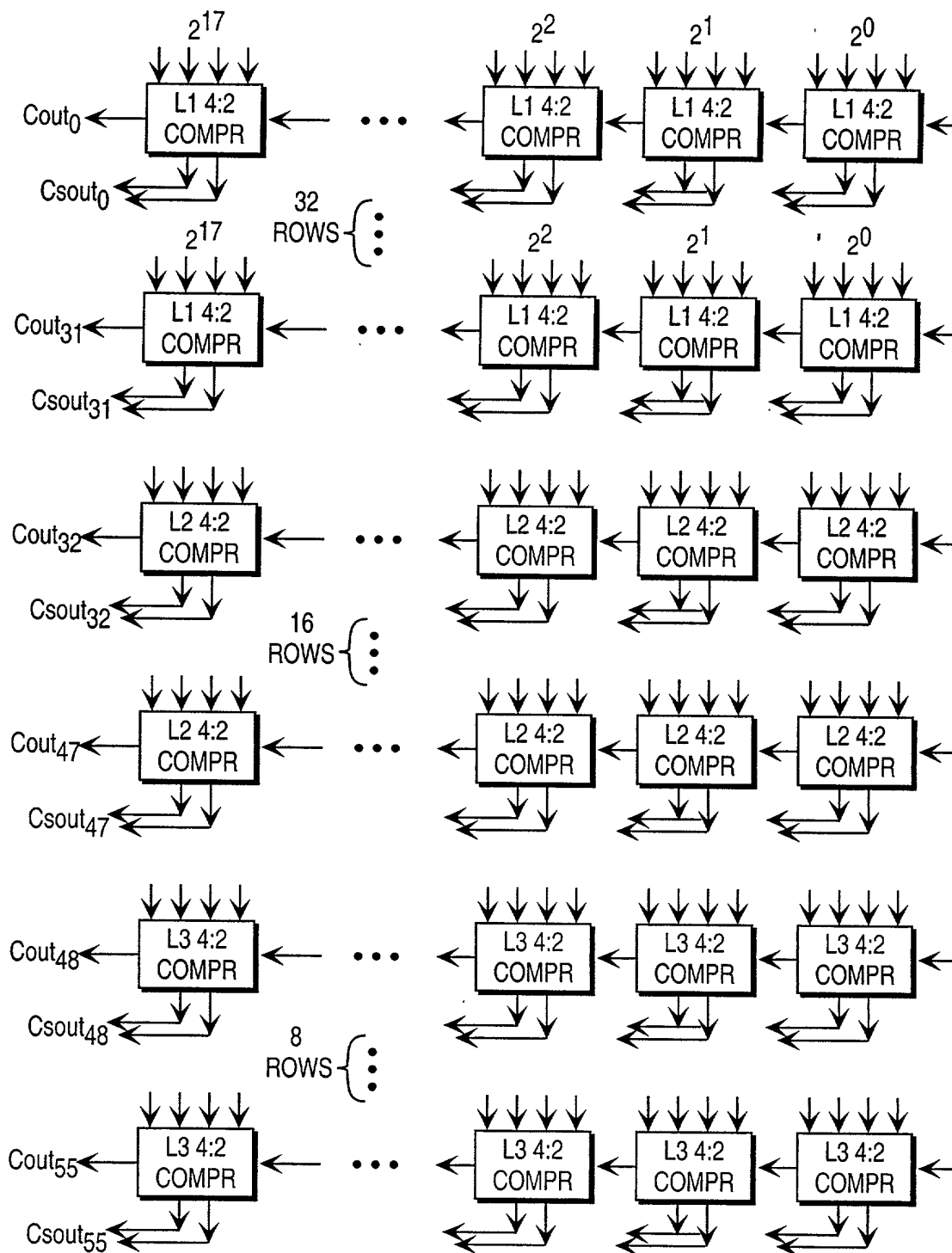


FIG. 20A

CONTINUED ON FIG. 20B

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CONTINUED FROM FIG. 20A

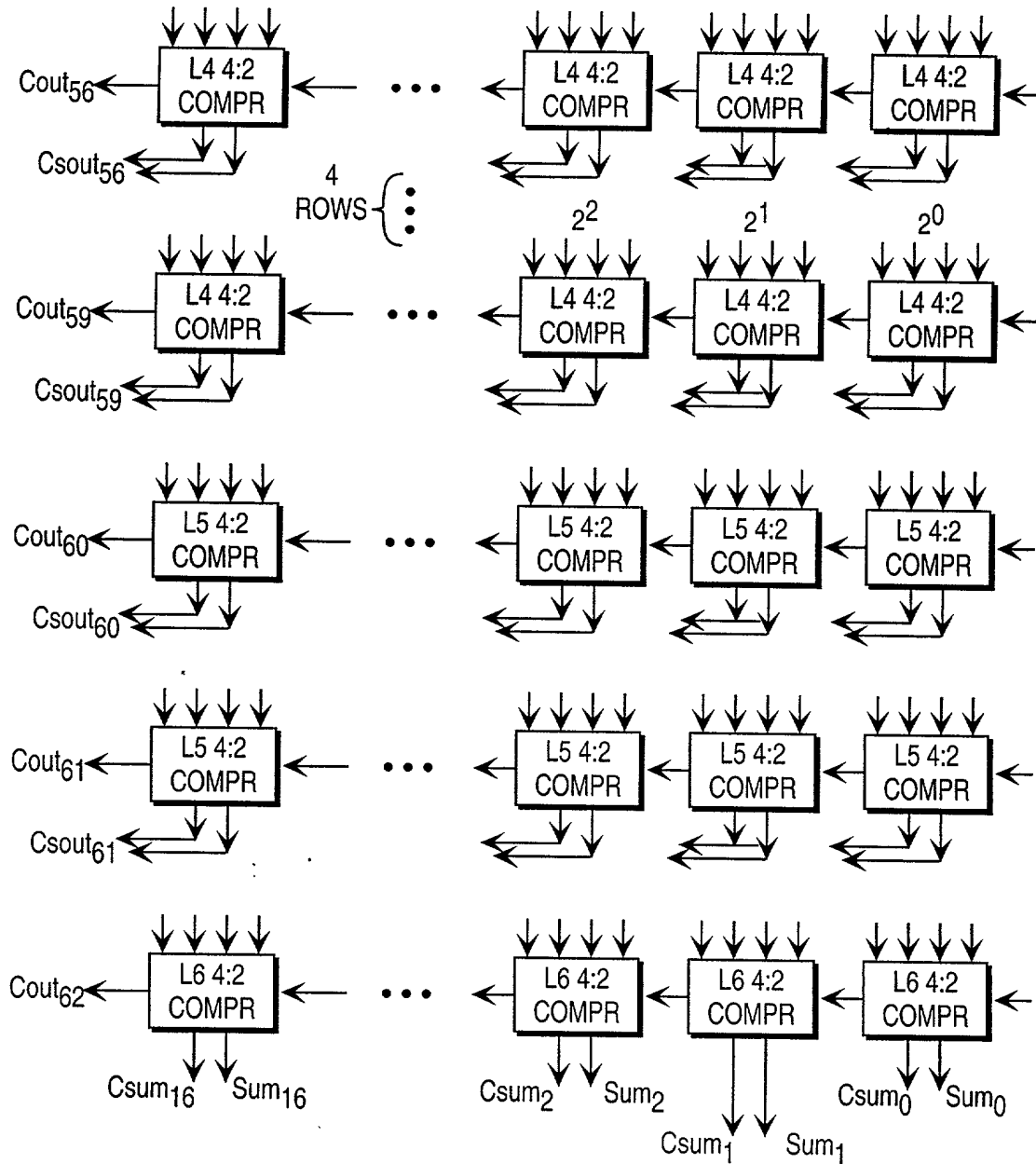


FIG. 20B



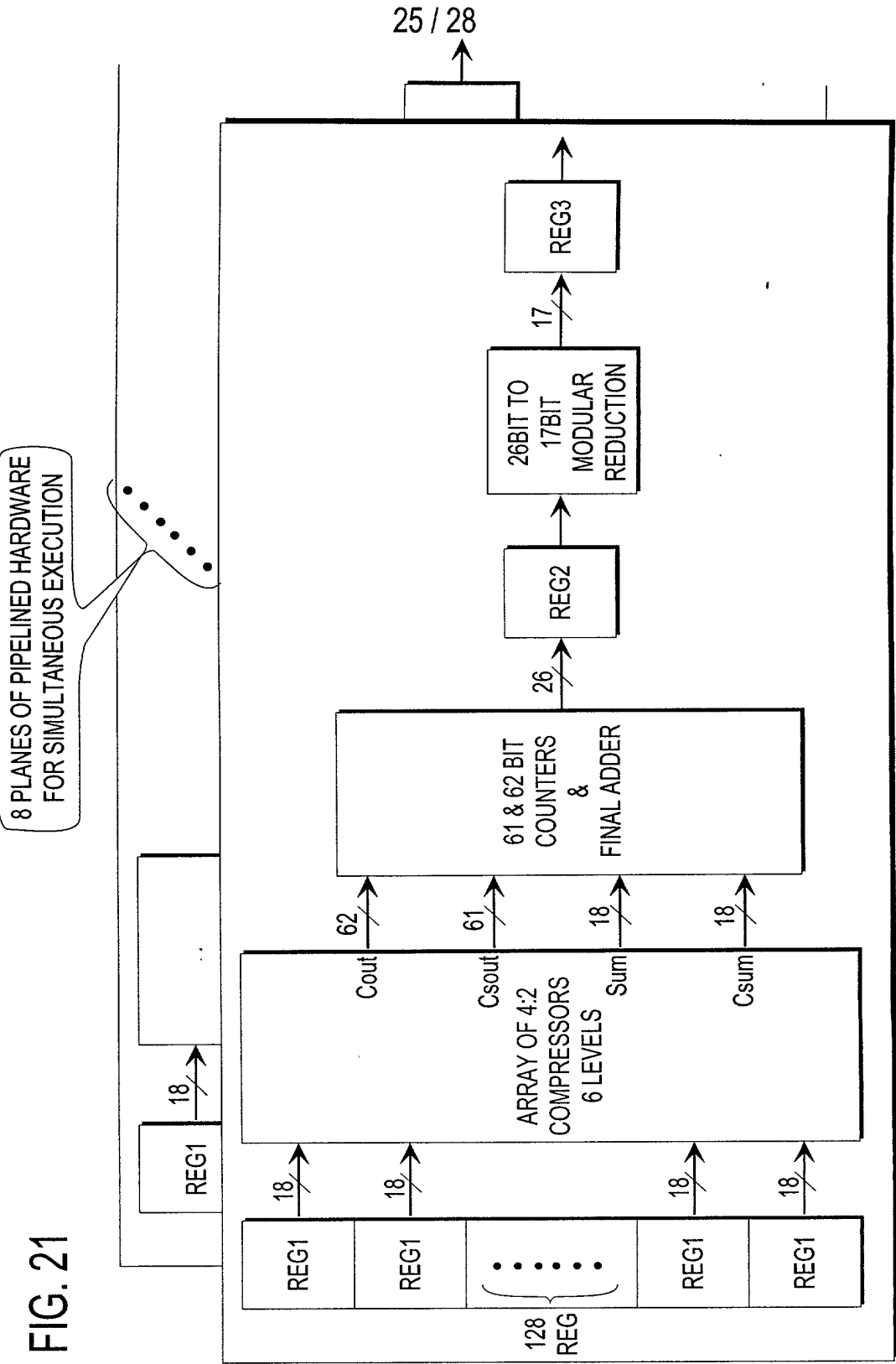
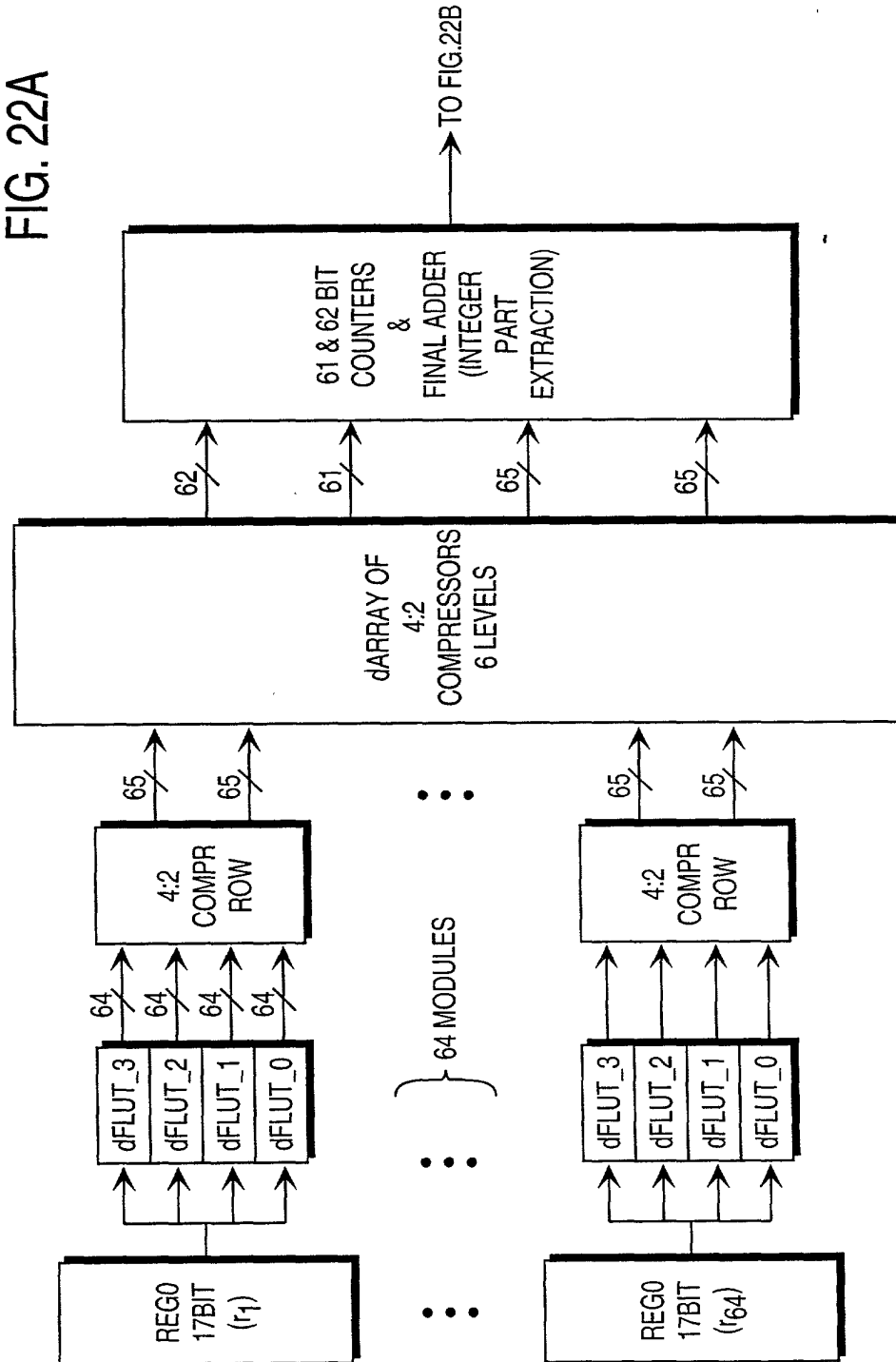


FIG. 22A



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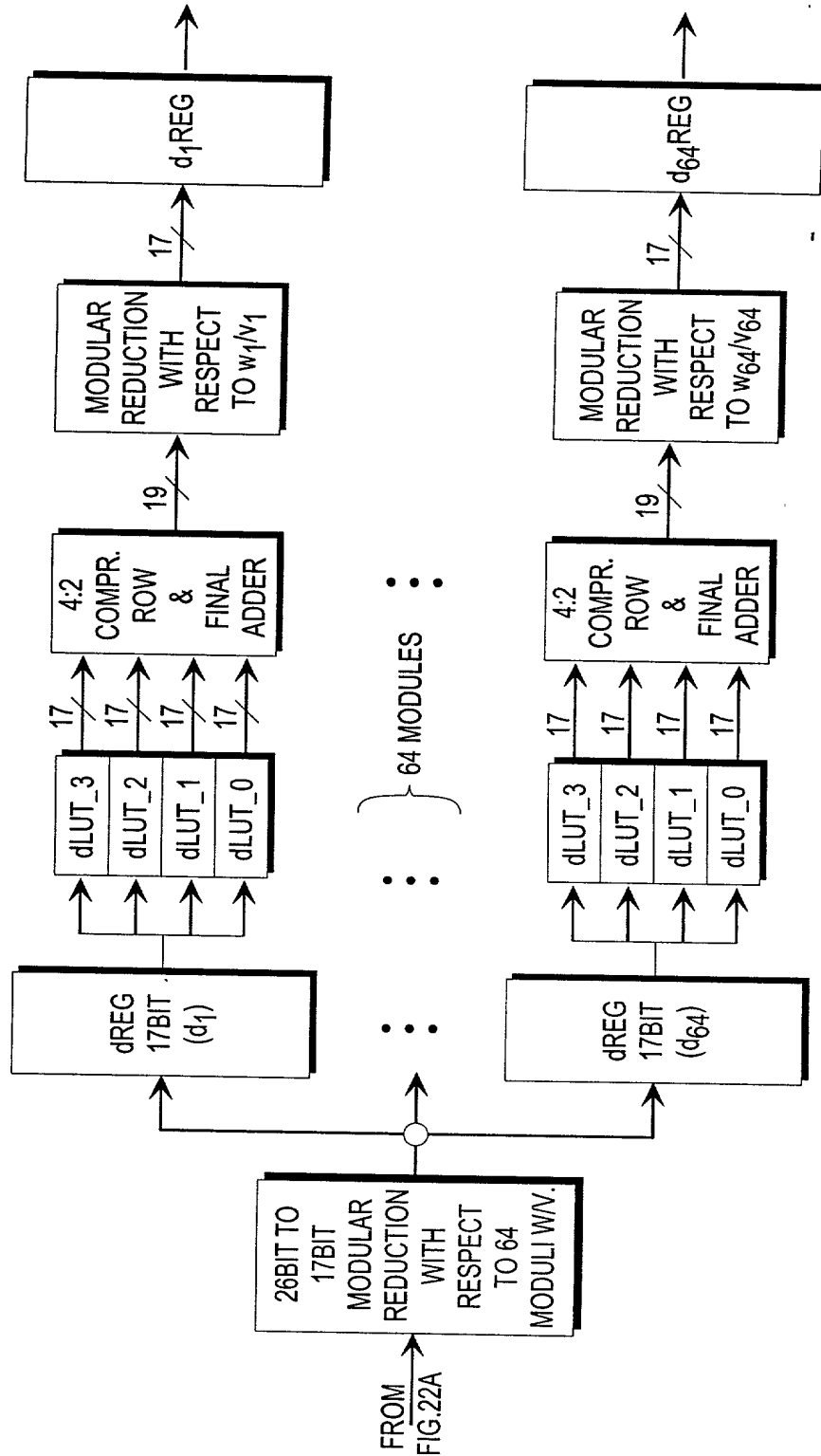


FIG. 22B

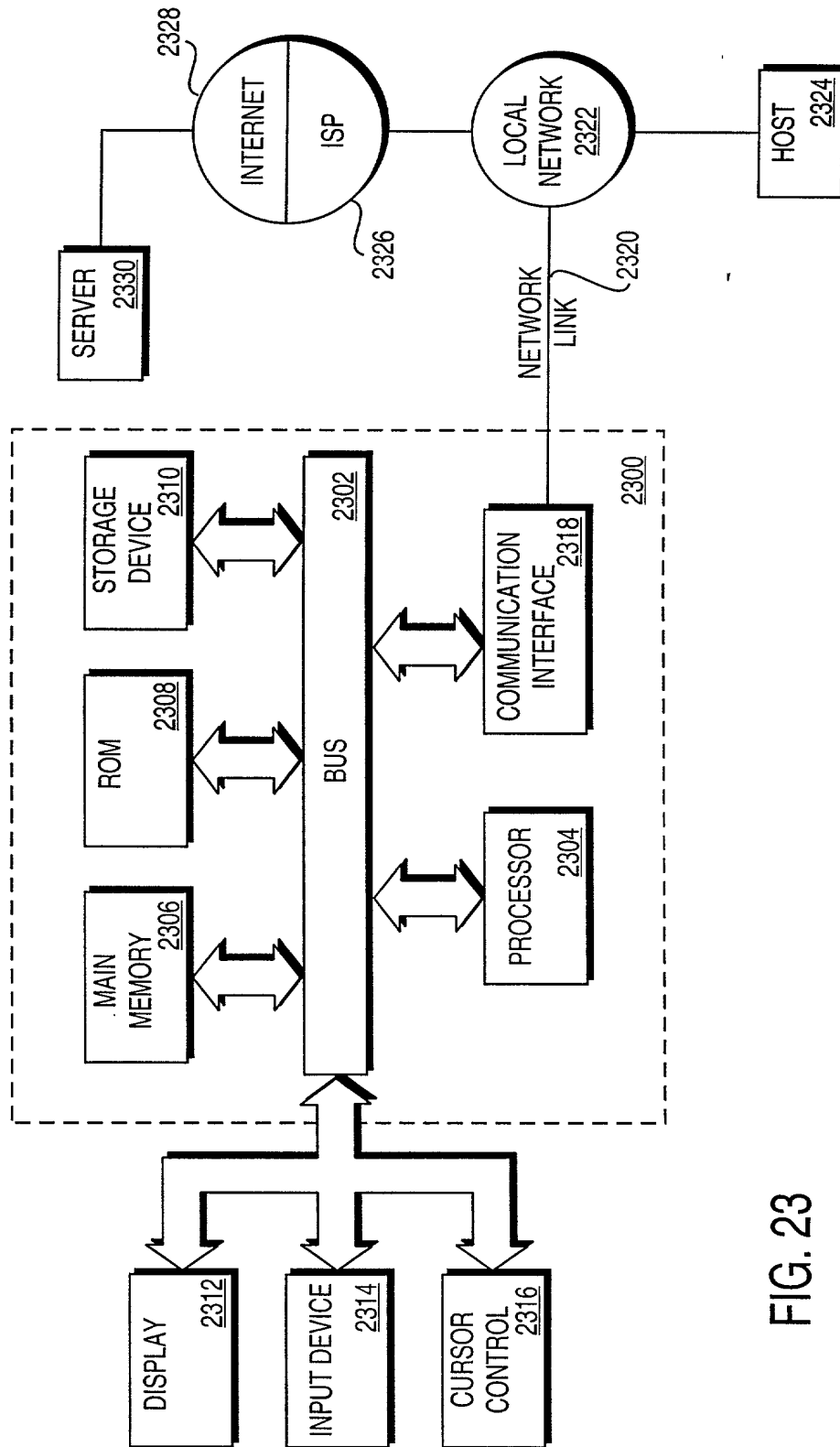


FIG. 23